

WHAT IS CLAIMED IS:

1. An information processing method of managing usage information on a job which is issued from an information processing apparatus to an image forming apparatus, the information management method comprising the steps of:

acquiring the usage information from said information processing apparatus or said image forming apparatus;

- 10 deriving the number of logical pages and the number of physical sheets from the usage information acquired in said acquisition step; and

- outputting usage efficiency information of said image forming apparatus using the number of logical pages and the number of physical sheets derived in said derivation step.

2. The information processing method according to claim 1,

- 20 wherein the usage efficiency information includes a saving ratio which is calculated by subtracting the number of physical sheets from the number of logical pages to find a difference and further dividing the difference by the number of logical pages.

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3. The information processing method according to claim 1, further comprising a step of judging whether

the usage information acquired in said acquisition step is acquired from said information processing apparatus, from said image forming apparatus, or from both of said information processing apparatus and said image forming
5 apparatus,

wherein said derivation step changes a derivation method of the number of logical pages and the number of physical sheets according to a result of judgment in said judgment step.

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4. The information processing method according to claim 3,

wherein, if the number of logical pages and layout information are included in the usage information
15 acquired from said information processing apparatus in said acquisition step, said derivation step calculates the number of physical sheets from the number of logical pages and the layout information.

20 5. The information processing method according to claim 4,

wherein the layout information is the number of logical pages to be laid out for one physical page.

25 6. The information processing method according to claim 3,

wherein, if the number of physical sheets and layout information are included in the usage information acquired from said image forming apparatus in said acquisition step, said derivation step
5 calculates the number of logical pages from the number of physical sheets and the layout information.

7. The information processing method according to claim 6,

10 wherein the layout information is the number of logical pages to be laid out for one physical page.

8. The information processing method according to claim 3,

15 wherein, if the number of logical pages and information indicating double/one sided printing mode are included in the usage information acquired from said information processing apparatus in said acquisition step, said derivation step calculates the
20 number of physical sheets from the number of logical pages and the information indicating double/one sided printing mode.

9. The information processing method according to
25 claim 3,

wherein, if the number of physical sheets and information indicating double/one sided printing mode

are included in the usage information acquired from
said image forming apparatus in said acquisition step,
said derivation step calculates the number of logical
pages from the number of physical sheets and the
5 information indicating double/one sided printing mode.

10. The information processing method according to
claim 1, further comprising a step of displaying the
usage efficiency information, which is outputted in
10 said output step, as a list for each user.

11. A server for managing usage information on a job
issued from a client to an image forming apparatus,
comprising:

15 acquisition means which acquires the usage
information from said client or said image forming
apparatus;

derivation means which derives the number of
logical pages and the number of physical sheets from
20 the usage information acquired by said acquisition
means; and

output means which outputs the usage efficiency
information of said image forming apparatus using the
number of logical pages and the number of physical
25 sheets derived by said derivation means.

12. The server according to claim 11,

wherein the usage efficiency information includes a saving ratio which is calculated by subtracting the number of physical sheets from the number of logical pages to find a difference and further dividing the
5 difference by the number of logical pages.

13. The server according to claim 11, further comprising judgment means which judges whether the usage information acquired in said acquisition step is
10 acquired from said client, from said image forming apparatus, or from both of said client and said image forming apparatus,

wherein said derivation means changes a derivation method of the number of logical pages and the number of
15 physical sheets according to a result of judgment by said judgment means.

14. The server according to claim 13,

wherein, if the number of logical pages and layout
20 information are included in the usage information acquired from said client by said acquisition means, said derivation means calculates the number of physical sheets from the number of logical pages and the layout information.

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15. The server according to claim 14,

wherein the layout information is the number of logical pages to be laid out for one physical page.

16. The server according to claim 13,

5 wherein, if the number of physical sheets and layout information are included in the usage information acquired from said image forming apparatus by said acquisition means, said derivation means calculates the number of logical pages from the number
10 of physical sheets and the layout information.

17. The server according to claim 16,

wherein the layout information is the number of logical pages to be laid out for one physical page.

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18. The server according to claim 13,

wherein, if the number of logical pages and information indicating double/one sided printing mode are included in the usage information acquired from
20 said client by said acquisition means, said derivation means calculates the number of physical sheets from the number of logical pages and the information indicating double/one sided printing mode.

25 19. The server according to claim 13,

wherein, if the number of physical sheets and information indicating double/one sided printing mode

are included in the usage information acquired from
said image forming apparatus by said acquisition means,
said derivation means calculates the number of logical
pages from the number of physical sheets and the
5 information indicating double/one sided printing mode.

20. The server according to claim 11, further
comprising display control means which displays the
usage efficiency information, which is outputted by
10 said output means, as a list for each user.

21. A program for managing usage information on a job
which is issued from an information processing
apparatus to an image forming apparatus,
15 wherein said program causes a computer to execute
the steps of:

acquiring the usage information from said
information processing apparatus or said image forming
apparatus;

20 deriving the number of logical pages and the
number of physical sheets from the usage information
acquired in said acquisition step; and

outputting usage efficiency information of said
image forming apparatus using the number of logical
25 pages and the number of physical sheets derived in said
derivation step.